

| Ref # | Hits | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------|------------------|---------|------------------|
| L1    | 0    | (95/14 or 96/4 or 137/79).ccls.<br>and (gas near5 valve) and<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))  | EPO      | OR               | ON      | 2005/01/07 13:25 |
| L2    | 0    | (95/14 or 96/4 or 137/79).ccls.<br>and (gas near5 valve) and<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))  | JPO      | OR               | ON      | 2005/01/07 13:23 |
| L3    | 0    | (95/14 or 96/4 or 137/79).ccls.<br>and (gas near5 valve) and<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))  | USOCR    | OR               | ON      | 2005/01/07 13:24 |
| L4    | 1    | (95/14 or 96/4 or 137/79).ccls.<br>and (gas near5 valve) and<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))  | US-PGPUB | OR               | ON      | 2005/01/07 13:24 |
| L5    | 0    | (95/14 or 96/4 or 137/79).ccls.<br>and (gas near5 valve) and<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))  | USPAT    | OR               | ON      | 2005/01/07 13:24 |
| L6    | 1    | (95/14 or 96/4 or 137/79).ccls.<br>and ((gas near5 valve) or<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))) | EPO      | OR               | ON      | 2005/01/07 13:26 |
| L7    | 9    | (95/14 or 96/4 or 137/79).ccls.<br>and ((gas near5 valve) or<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))) | JPO      | OR               | ON      | 2005/01/07 13:38 |
| L8    | 0    | JP-57146970-\$ did.   | DERWENT  | OR               | ON      | 2005/01/07 13:37 |
| L9    | 72   | (95/14 or 96/4 or 137/79).ccls.<br>and ((gas near5 valve) or<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))) | USOCR    | OR               | ON      | 2005/01/07 13:39 |
| L10   | 0    | (95/14 or 96/4 or 137/79).ccls.<br>and valve and ((polymer or<br>polymeric or plastic) with<br>(meniscus or meniscus-shaped))                 | USOCR    | OR               | ON      | 2005/01/07 13:40 |
| L11   | 0    | (95/14 or 96/4 or 137/79).ccls.<br>and ((polymer or polymeric or<br>plastic) with (meniscus or<br>meniscus-shaped))                           | USOCR    | OR               | ON      | 2005/01/07 13:40 |

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| L12 | 1 | (95/14 or 96/4 or 137/79).ccls. and valve and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped))        | US-PGPUB | OR | ON | 2005/01/07 13:43 |
| L13 | 1 | (95/14 or 96/4 or 137/79).ccls. and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped))                  | US-PGPUB | OR | ON | 2005/01/07 13:43 |
| L14 | 0 | (95/14 or 96/4 or 137/79).ccls. and valve and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped))        | USPAT    | OR | ON | 2005/01/07 13:43 |
| L15 | 0 | (95/14 or 96/4 or 137/79).ccls. and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped))                  | USPAT    | OR | ON | 2005/01/07 13:43 |
| L16 | 0 | ((temperature or thermal or thermally) near6 (gas near5 valve)) and ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.)        | EPO      | OR | ON | 2005/01/07 13:46 |
| L17 | 0 | ((temperature or thermal or thermally) near6 (gas near5 valve)) and ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.)        | JPO      | OR | ON | 2005/01/07 13:46 |
| L18 | 1 | ((temperature or thermal or thermally) near6 (gas near5 valve)) and ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.)        | DERWENT  | OR | ON | 2005/01/07 13:47 |
| L19 | 0 | ((temperature or thermal or thermally) near6 (gas near5 valve)) and ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.)        | USOCR    | OR | ON | 2005/01/07 13:47 |
| L20 | 1 | ((temperature or thermal or thermally) near6 (gas near5 valve)) and ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.)        | US-PGPUB | OR | ON | 2005/01/07 13:47 |
| L21 | 2 | ((temperature or thermal or thermally) near6 (gas near5 valve)) and ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.)        | USPAT    | OR | ON | 2005/01/07 13:48 |
| L22 | 0 | ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.) and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped)) | EPO      | OR | ON | 2005/01/07 13:50 |
| L23 | 0 | ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.) and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped)) | JPO      | OR | ON | 2005/01/07 13:50 |

|     |   |   |          |    |    |                  |
|-----|---|---|----------|----|----|------------------|
| L24 | 1 | ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.) and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped)) | DERWENT  | OR | ON | 2005/01/07 13:50 |
| L25 | 0 | ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.) and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped)) | USOCR    | OR | ON | 2005/01/07 13:51 |
| L26 | 1 | ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.) and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped)) | US-PGPUB | OR | ON | 2005/01/07 13:51 |
| L27 | 2 | ((b01d061/00 or b01d071/06).ipc. or 95/43.ccls.) and ((polymer or polymeric or plastic) with (meniscus or meniscus-shaped)) | USPAT    | OR | ON | 2005/01/07 13:51 |

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|-------|------|---|-----------|------------------|---------|------------------|
| L28   | 19   | (95/14 or 96/4 or 137/79).ccls.<br>and ((gas near5 valve) or<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))) | US-PPGPUB | OR               | ON      | 2005/01/07 14:09 |
| L29   | 136  | (95/14 or 96/4 or 137/79).ccls.<br>and ((gas near5 valve) or<br>((polymer or polymeric or plastic)<br>with (meniscus or<br>meniscus-shaped))) | USPAT     | OR               | ON      | 2005/01/07 14:32 |
| L30   | 962  | (95/14 or 96/4 or 137/79).ccls.   | USPAT     | OR               | ON      | 2005/01/07 14:34 |
| L31   | 962  | (95/14 or 96/4 or 137/79).ccls.   | USPAT     | OR               | ON      | 2005/01/07 14:34 |